

CALIFORNIA ENERGY COMMISSION

1516 Ninth Street
Sacramento, California 95814

Main website: www.energy.ca.gov



Staff Workshop on 2020 Strategic Analysis of Energy Storage in California

The California Energy Commission staff will conduct a workshop to share information in the final report, titled, "2020 Strategic Analysis of Energy Storage in California", and solicit comments for further research activities or other actions resulting from the information in this report.

TUESDAY, NOVEMBER 15, 2011

Beginning at 10:00 a.m.

CALIFORNIA ENERGY COMMISSION

1516 Ninth Street

First Floor, Hearing Room A

Sacramento, California

(Wheelchair Accessible)

Remote Attendance and Availability of Documents

Internet Webcast - Presentations and audio from the meeting will be broadcast via our WebEx web meeting service. For details on how to participate via WebEx, please see the "Remote Attendance" section toward the end of this notice.

Documents and presentations for this meeting will be available online at:

www.energy.ca.gov/research/notices/

Purpose

This report, prepared by the California Institute for Energy and Environment (CIEE), presents a strategic analysis of energy storage technology and a vision for energy storage in California by 2020. This workshop seeks input and comments from stakeholders on the findings and recommendations contained in this report titled, "2020 Strategic Analysis of Energy Storage in California" and recommendations on next steps. Energy Storage is a potential game-changer for addressing multiple grid related challenges including renewable integration, electrification of transportation, and grid stability. Also, this analysis provides input to the California Public Utilities Commission proceedings required by Assembly Bill 2514 (Skinner, Chapter 469, Statutes of 2010):

Energy Storage Systems (AB 2514) signed into law on September 29, 2010 in California.

The report assesses current energy storage technologies and the diverse policies affecting their deployment in California, and it outlines critical technology gaps, research needs and policy reform recommendations. It provides a framework for the Energy Commission, California Public Utilities Commission (CPUC), and other regulatory agencies, as they develop and implement a vision for how commercially ready energy storage technologies can be cost-effectively applied in California to reduce costs to ratepayers, reduce emissions from fossil fuel generation, and enable and accelerate the implementation of more renewable generation and its integration in California's electricity system.

While this is a staff workshop, Commissioners may attend and participate.

Background

As California progresses towards its goal of 33 percent renewable electricity generation under the April 12, 2011 enacted California Renewable Energy Resources Act (Senate Bill 2, Simitian) and reduced greenhouse gas emissions under the Global Warming Solutions Act for 2020, the potential for energy storage to assist in the integration of renewable resources and the maintenance of a reliable and efficient electric grid takes on great significance. In 2010, the California legislature took the step of enacting Assembly Bill 2514 (AB 2514), directing the CPUC to convene a proceeding to determine energy storage procurement targets, if any, for investor-owned utilities. The Energy Commission developed this research project with input from CPUC. Under the AB 2514 statute, similar targets would be required for publicly-owned utilities on a slightly later time frame. This research project was initiated and completed to assist with this CPUC proceeding. It also establishes guidance for research needs going forward.

Public Participation

The Energy Commission's Public Adviser's Office provides the public assistance in participating in Energy Commission activities. If you want information on how to participate in this forum, please contact the Public Adviser's Office at (916) 654-4489 or toll free at (800) 822-6228, by FAX at (916) 654-4493, or by e-mail at [PublicAdviser@energy.state.ca.us] If you have a disability and require assistance to participate, please contact Lou Quiroz at (916) 654-5146 at least five days in advance.

Please direct all news media inquiries to the Media and Public Communications Office at (916) 654-4989, or by e-mail at [mediaoffice@energy.state.ca.us].

If you have questions on the technical subject matter of this meeting, please contact Avtar Bining at [abining@energy.state.ca.us].

Remote Attendance

You can participate in this meeting through WebEx, the Energy Commission's online meeting service. Presentations will appear on your computer screen, and you listen to the audio via your telephone. Please be aware that the meeting's WebEx audio and on-screen activity may be recorded.

Computer Log-on with Telephone Audio:

1. Please go to <https://energy.webex.com> and enter the unique meeting number: 921 936 730
2. When prompted, enter your name other information as directed and the meeting password: **meeting@10am**

Teleconference:

After logging in on the computer, an AUDIO CONFERENCE BOX will offer you the choice of phone connections:

1. TO HAVE WEBEX CALL YOU BACK: Type your area code and phone number and click "Call Me".
2. TO CALL INTO THE TELECONFERENCE: Use the drop-down box to select "I will call in" and follow the on-screen directions.
3. INTERNATIONAL CALLERS: Click on the "Global call-in number" link in part (2) above
4. TO LISTEN OVER THE COMPUTER: If you have the needed equipment and your computer is configured, click on "Use Computer Headset" and then "Call Using Computer" to use VoIP (Internet phone)

TELEPHONE ONLY (NO COMPUTER ACCESS): Call 1-866-469-3239 (toll-free in the U.S. and Canada) and when prompted enter the unique meeting number: 921 936 730. International callers can select their number from <https://energy.webex.com/energy/globalcallin.php>

If you have difficulty joining the meeting, please call the WebEx Technical Support number at 1-866-229-3239.

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